

Amendments to the Claims

The following listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1 - 10 (Canceled)

11. (Original) A cooperative database server system for distributing a database write command to a persistent storage device and to a volatile storage database system, and for distributing a database read command to the volatile storage database system, the system comprising: a network interface processing module configured to receive a database command via a network and transmit data related to said database command over said network, wherein said database command comprises a read command and a write command, and wherein said read command and write command comprise a database table name; a trigger processing module configured to receive said write command and generate a trigger in response to said write command, wherein said trigger comprises execution of instructions that transmit said write command to a persistent storage device and to a volatile storage database system; and a views processing module configured to receive said read command and direct said read command to said volatile storage database system.

12. (Original) The system of claim 11, further comprising a commit/rollback processing module configured to: commit a modification to a database record by accepting said modification to said database record; and undo said modification to said database record by restoring said database record to its previous contents.

13. (Original) The system of claim 12, wherein said commit/rollback processing module is further configured to lock said database record during said modification of said database record.

14. (Original) The system of claim 13, wherein said lock of said database record is released upon completion of said modification of said database record.

15. (Original) The system of claim 11, further comprising a primary node interface processing module in communication with said volatile storage database system and configured to transmit said database command to said volatile storage database system and receive data from said volatile storage database system in response to said read database command.

16. (Original) The server system of claim 11, further comprising a database command processing module configured to receive said database command from said network interface processing module and generate a corresponding database server command from said database command.

17. (Original) The system of claim 11, wherein said trigger processing module is further configured to transmit said write command in a batch processing mode.

18. (Original) The system of claim 11, wherein directing said read command is to either said persistent storage device or to said volatile storage database system according to said database table name.

19. (Original) The system of claim 11, wherein said trigger comprises execution of instructions that transmit said write command to said persistent storage device and to said volatile storage database system at different times.

20 - 29 (Canceled)

30. (Original) A method of distributing a database write command to a persistent storage device and to a volatile storage database system and distributing a database read command to the volatile storage database system, the method comprising: receiving a database command via a network, wherein said database command comprises a read command and a write command, and wherein said read command and said write command comprise a database table name; transmitting data related to said database command over said network; receiving said write command; generating a trigger in response to said write command, wherein said trigger comprises execution of instructions that cause a persistent storage device and a volatile storage database system to be updated according to said database table name and said data related to said database command; receiving said read command; and directing said read command to said volatile storage database system.

31. (Original) The method of claim 30, further comprising: committing a modification to a database record by accepting said modification to said database record; and undoing said modification to said database record by restoring said database record to its previous contents.

32. (Original) The method of claim 31, further comprising locking said database record during said modification of said database record.

33. (Original) The method of claim 32, further comprising unlocking said database record upon completion of said modification of said database record.

34. (Original) The method of claim 30, further comprising receiving results data from said volatile storage database system in response to said read command.

35. (Original) The system of claim 30, wherein said transmitting of said write command is performed in a batch processing mode.

36. (Original) The system of claim 30, wherein directing said read command is to either said persistent storage device or to said volatile storage database system according to said database table name.

37. (Original) The system of claim 30, wherein said transmitting said write command to said persistent storage device and to said volatile storage database system are performed at different times.